MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY, 1929

J. A. BROWN, DIRECTOR

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JULY 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.3	54.5	55.4	54.7	31.1	23.4	28.2	30.3	24.7	27.7
2	5.7	5.9	6.8	6.1	30.7	22.0	27.3	30.6	25.4	27.8
3	6.2	6.0	6.9	6.4	30.9	21.7	26.9	29.0	24.3	26.7
4	6.5	6.0	6.0	6.2	30.8	22.2	27.9	30.8	25.8	28.2
5	5.1	4.6	5.1	4.9	30.5	22.6	28.3	30.4	26.9	28.5
6	53.9	52.9	52.6	53.1	31.1	22.8	28.6	28.7	25.8	27.7
7	4.9	5.1	5.4	5.1	30.3	22.7	28.5	28.0	26.1	27.5
8	5.8	5.6	4.4	5.3	31.2	23.1	26.3	27.5	25.7	26.5
9	5.3	5.4	5.9	5.5	31.5	23.2	28.6	30.7	25.9	28.4
10	6.0	5.3	4.8	5.4	32.2	21.1	29.5	32.0	26.2	29.2
11	54.2	53.6	54.0	53.9	32.7	23.7	28.6	31.6	26.2	28.8
12	4.8	5.1	5.7	5.2	32.6	22.9	28.4	31.2	25.7	28.4
13	6.9	6.5	7.1	6.8	32.4	22.7	27.9	30.2	24.9	27.7
14	6.6	6.0	5.7	6.1	31.1	23.9	28.7	30.8	25.4	28.3
15	5.3	5.0	5.3	5.2	31.2	22.8	27.7	30.2	25.5	27.8
16	55.5	55.5	55.6	55.5	31.2	24.2	28.1	29.4	24.6	27.4
17	6.5	6.0	6.5	6.3	30.6	22.8	28.6	30.8	25.4	28.3
18	6.2	6.0	6.2	6.1	31.4	22.9	28.2	29.4	25.1	27.6
19	5.0	4.4	5.2	4.9	30.7	23.7	28.4	31.5	26.5	28.8
20	5.4	5.1	5.7	5.4	32.2	23.3	27.3	31.2	26.6	28.4
21	56.7	56.6	57.0	56.8	32.1	22.8	28.6	31.0	25.9	28.5
22	5.9	5.5	5.5	5.6	31.9	23.3	26.3	31.2	26.1	27.9
23	4.9	5.0	5.4	5.1	32.3	23.5	28.6	30.9	26.4	28.6
24	6.6	6.9	7.3	6.9	31.7	22.4	28.6	30.2	25.4	28.1
25	7.6	7.2	7.5	7.4	31.6	22.2	28.3	30.5	25.6	28.1
26	57.1	57.3	57.3	57.2	31.2	22.2	28.7	30.9	25.2	28.3
27	6.6	6.0	5.3	6.0	31.7	22.6	27.9	30.1	25.1	27.7
28	4.6	3.9	3.9	4.1	31.9	22.9	28.0	30.8	25.7	28.2
29	3.7	4.1	4.4	4.1	31.1	23.6	28.6	31.0	26.2	28.6
30	5.2	5.5	5.4	5.4	32.1	24.4	28.2	31.6	26.5	28.8
31	5.9	5.4	5.8	5.7	32.7	23.4	28.4	31.3	26.1	28.6
	55.64	55.42	55.62	55 56	31.48	22.94	28.14	30.45	25.68	28.10

Barometer, Range for month 752.6-757.6 m.m.

,, 50-yr. average for month 755.70 m.m.

Thermometer, Range for month 21°.1-32°.7

,, 50-yr. average for month 27°.83

Rain, total for month 0.0 m.m.

,, , 50-yr average for month 0.51m.m.

,, , total. Sept. 1st to end of month 1080.25m.m.

,, , 50-yr average, Sept. 1st to end of month. 907.05m.m.

JULY 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	24.3	25.2	23.1	19.3	19.7	19.6	19.5	68	60	84	71	10.7	
2	23.9	25.4	22.4	19.2	19.8	17.8	18.9	71	60	73	68	13.2	
3	23.1	24.7	22.4	18.0	19.4	18.6	18.7	67	65	82	71	13.5	
4	24.4	25.7	23.9	19.8	20.3	20.5	20.2	71	61	83	72	13.5	
5	25.1	22.8	21.3	20.7	15.2	14.8	16.9	72	47	55	58	13.4	
6	22.7	22.2	21.8	16.2	15.2	16.5	16.0	56	52	66	58	13.5	
7	22.3	24.1	23.0	15.5	19.1	18.4	17.7	53	68	73	65	13.5	
8	22.4	24.9	24.0	17.2	21.1	20.7	19.7	67	77	84	76	13.4	
9	25.3	26.7	24.5	21.0	22.4	21.6	21.7	72	68	88	76	13.4	
10	26.1	27.1	24.9	22.0	22.2	22.4	22.2	72	63	89	75	13.3	
11	25.0	26.8	24.2	20.4	21.9	20.7	21.0	70	63	82	72	12.8	
12	24.1	24.7	22.4	18.7	18.0	17.5	18.1	64	52	71	62	12.8	
13	22.2	23.7	21.7	15.1	16.9	16.9	16.3	56	53	72	60	12.7	
14	22.7	24.4	22.0	16.1	17.8	17.0	17.0	55	53	70	59	8.3	
15	23.0	24.3	22.4	17.2	17.9	17.8	17.6	62	56	73	64	13.0	
16	23.1	24.2	22.3	17.2	18.3	18.2	17.9	60	60	79	66	13.0	
17	23.9	24.7	21.9	18.2	18.2	16.9	17.8	62	54	70	62	12.8	
18	23.1	23.0	22.0	17.1	16.2	17.2	16.8	60	53	73	62	13.0	
19	23.8	25.6	23.8	18.3	19.8	19.7	19.3	64	59	77	67	13.5	
20	25.1	26.1	23.8	21.8	20.6	19.7	20.7	81	60	76	72	13.6	
21	24.9	25.5	23.3	20.3	19.7	19.1	19.7	70	59	77	69	13.5	
22	24.0	25.4	22.9	20.2	19.3	18.3	19.3	79	57	72	69	13.2	
23	23.8	25.2	23.3	18.1	19.1	19.1	18.8	62	57	77	65	13.0	
24	23.3	24.7	22.8	16.9	18.7	18.5	18.0	59	59	76	65	13.5	
25	23.5	24.8	22.1	17.8	18.8	17.0	17.9	61	57	70	63	13.5	
26	22.8	22.1	20.1	16.3	13.9	14.1	14.8	55	41	59	52	13.4	
27	25.8	23.7	22.2	22.7	17.0	17.7	19.1	81	54	74	70	13.2	
28	23.6	24.8	23.2	18.2	18.6	19.0	18.6	64	56	77	66	13.0	
29	24.6	25.9	21.6	19.5	20.6	15.8	18.6	67	62	63	64	13.2	
30	24.8	26.3	24.1	20.3	20.9	20.2	20.5	71	60	78	70	13.2	
31	24.9	26.1	24.0	20.4	20.5	20.4	20.4	71	60	81	71	12.6	
	23.92	24.86	22.82	18.70	18.94	18.44	18.70	65.9	58.3	75.0	66.5	12.97	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 n.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	2str.cu	3strcu	0	1.7	2sw	2w	0	419.4	mod.	
2	0	1cu	0	0.3	0	2sw	0	25.1	calm	
3	0	0	0	0.0	1s	1sw	0	93.6	light	
4	1cu	1cu	0	0.7	1sw	2sw	0	284.8	,,	
5	1cu	0	0	0.3	3sw	4n	2n	384.3	mod.	
6	1ci	0	0	0.3	1n	5n	2n	173.7	,,	
7	0	0	0	0.0	2nw	1nw	1nw	79.5	light	
8	0	0	0	0.0	1nw	2nw	0	83.2	,,	
9	0	0	0	0.0	1sw	1w	0	157.4	,,	
10	1cu	0	0	0.3	2sw	2sw	0	311.2	,,	
11	1cu	1cu	0	0.7	2sw	3sw	0	516.0	mod.	
12	2cu	3cicu	2ci	2.3	2sw	2sw	1sw	433.4	,,	haze a.m
13	2ci cu	0	4str.cu	2.0	2sw	2w	0	368.7	,,	haze a.m.
14	3ci	3ci	2ci	2.7	0	2sw	0	194.7	light	
15	1ci	2cicu	0	1.0	1sw	1sw	0	182.1	,,	haze d. day
16	1ci cu	1ci	0	0.7	1w	2nw	0	107.0	,,	
17	1ci	2cicu	3cicu	2.0	1sw	1w	0	345.7	,,	
18	3cicu	1ci	0	1.3	2w	2sw	1sw	423.2	mod.	
19	1cu	0	0	0.3	2w	2sw	0	451.7	light	haze a.m.
20	0	0	0	0.0	2w	2nw	0	364.0	,,	haze a.m.
21	1ci	2ci	0	1.0	2sw	2sw	0	419.5	,,	
22	1cu	2cicu	2cicu	1.7	3sw	2sw	1sw	624.3	mod.	
23	2cu	2cicu	0	1.3	2sw	2w	1sw	572.4	,,	haze a.m.
24	1ci	4cicu	0	1.7	1nw	2nw	0	369.0	light	
25	0	4cicu	0	1.3	1sw	2w	0	239.3	,,	
26	2ci	1ci	0	1.0	1sw	2sw	1sw	352.8	,,	haze a.m.
27	1ci	3cicu	0	1.3	1w	1w	0	307.4	,,	
28	1ci cu	0	0	0.3	1sw	1nw	0	252.5	,,	
29	1ci cu	1cu	0	0.7	3s	2sw	0	610.4	mod.	haze a.m.
30	2ci	1ci	0	1.0	3sw	2sw	2sw	671.7	,,	haze a.m.
31	0	0	2cicu	0.7	1sw	2w	0	495.7	light	haze a.m.
				0.92				332.70		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	2	18	5	3	2
14:30	2	0	0	0	0	15	8	6	0
20.30	2	0	0	0	0	6	0	1	22
Totals	5	0	0	0	2	39	13	10	24

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.
50-yr average number of days with rain during month 0.2